

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 1/10/05 Signature: [Signature]  
(SUSAN GANNING)

Docket No.: APBI-P01-007  
(PATENT)

1342  
Box Sep

[Signature]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Schreiber et al.

Application No.: 08/922240

Confirmation No.: 1342

Filed: August 27, 1997

Art Unit: 1632

For: GENE THERAPY BY CELL SPECIFIC  
TARGETING

Examiner: R. R. Shukla

**TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING**

MS Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This substitute Sequence Listing is submitted in response to the Notices to Comply mailed from the Patent Office on December 15, 2004 and December 28, 2004. A copy of the Notification dated December 28, 2004 is attached.

Transmitted herewith is a copy of a Substitute Sequence Listing in paper form (sheets 1/3-3/3) comprising SEQ ID NOS. 1-3 for the above-identified patent application as required by 37 C.F.R. 1.825(a) and 1.821(c), and a copy of the Substitute Sequence Listing in computer readable form as required by 37 C.F.R. 1.825(b) and 1.821(e). Please replace the Sequence Listing filed on July 16, 2004, sheets 1/3-3/3 with the attached Substitute Sequence Listing.

As required by 37 C.F.R. 1.825(b), Applicants' Attorney hereby states that the contents of the Substitute Sequence Listing in paper form and in the computer readable form submitted herewith are the same and, as required by 37 C.F.R. 1.825(a), also states that the submission includes no new matter.

Application No.: 08/922240

Docket No.: APBI-P01-007

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. APBI\_P01-007 from which the undersigned is authorized to draw.

Dated: January 10, 2005

Respectfully submitted,

By 

Z. Angela Guo

Registration No.: 54,144

ROPES & GRAY LLP

One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

(617) 951-7050 (Fax)

Attorneys/Agents For Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

JAN 13 2005

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/922,240	12/28/1997	STUART L. SCHREIBER	APBI-P01-007	1342

28120 7590 12/28/2004  
ROPES & GRAY LLP  
ONE INTERNATIONAL PLACE  
BOSTON, MA 02110-2624

**Ropes & Gray**

**DEC 30 2004**

**Intellectual Property Dept.**

EXAMINER	
SHUKLA, RAM R	
ART UNIT	PAPER NUMBER
1632	

DATE MAILED: 12/28/2004

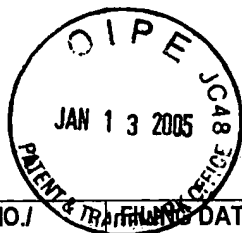
Please find below and/or attached an Office communication concerning this application or proceeding.

**Ropes & Gray**

**Symbol #:** APBI-P01-007

**Action Due:** Correct Sequence Listing

**Deadline(s):** 14 Jan 2005 / 28 Jan 2005  
Final

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER
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ART UNIT	PAPER
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12272004

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

The communication received on 7-19-04 is not fully responsive to the communication mailed 5-18-04 for the reason(s) set forth on the attached Notice to Comply With the Sequence Rules or CRF Diskette Problem Report.

Applicants are required to comply with all of the requirements of 37 CFR 1.821 through 37 CFR 1.825.

It is noted that applicants called the Examiner in response to the communication of 12/15/04 from the office and stated that no time was left to respond within the time limit set in the previous office action. Since the response of the applicant in the communication received 7/19/04 appeared to be bona fide, applicant is given a TIME PERIOD of ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ram R. Shukla whose telephone number is (571) 272-0735. The examiner can normally be reached on Monday through Friday from 7:30 am to 4:00 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amy Nelson, can be reached at (571) 272-0804. The fax phone number for TC 1600 is (703) 872-9306. Any inquiry of a general nature, formal matters or relating to the status of this application or proceeding should be directed to the Dianiece Jacobs whose telephone number is (571) 272-0532.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ram R. Shukla, Ph.D.  
Primary Examiner  
Art Unit 1632

**RAM R. SHUKLA, PH.D.**  
**PRIMARY EXAMINER**